

S/N 10/575,731

Connecting via Winsock to STN

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LOGINID:sssptaul55fxt

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	3	NOV 26	MARPAT enhanced with FSORT command
NEWS	4	NOV 26	CHEMSAFE now available on STN Easy
NEWS	5	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	6	DEC 01	ChemPort single article sales feature unavailable
NEWS	7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	13	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	14	FEB 10	COMPENDEX reloaded and enhanced
NEWS	15	FEB 11	WTEXTILES reloaded and enhanced
NEWS	16	FEB 19	New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art
NEWS	17	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	18	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	19	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	20	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	21	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	22	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	23	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	24	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	25	MAR 11	ESBIOBASE reloaded and enhanced
NEWS	26	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances

S/N 10/575,731

NEWS 27 MAR 23 CA/CAPplus enhanced with more than 250,000 patent
equivalents from China

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 02:11:43 ON 30 MAR 2009

=> set abbr on perm
SET COMMAND COMPLETED

=> set plurals on perm
SET COMMAND COMPLETED

=> file inpadoc caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'INPADOCDB' ENTERED AT 02:12:18 ON 30 MAR 2009
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FILE 'CAPLUS' ENTERED AT 02:12:18 ON 30 MAR 2009
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=> s su 409723/pn
L1 2 SU 409723/PN

=> d l1 1-2 all

L1 ANSWER 1 OF 2 INPADOCDB COPYRIGHT 2009 EPO/FIZ KA on STN

AN 41866053 INPADOCDB
FN 29046302
DT Patent
PI SU 409723 A1 19740105
PIT SUA1 DESCRIPTION OF THE INVENTION FOR AN INVENTOR'S CERTIFICATE
DAV 19740105 printed-with-grant
STA GRANTED
AI SU 1971-1626567 A 19710224
AIT SUA Patent application
PRAI SU 1971-1626567 A 19710224 (SUA, Y)

S/N 10/575,731

PRAIT SUA Patent application

ICM B01D057-00

IPCR B01D0057-00 [I,A]

B01D0057-00 [I,C*]

FA AI; AN; DAV; DT; ICM; IPC; IPCR; PI; PIT; PRAI

L1 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1974:526387 CAPLUS

DN 81:126387

OREF 81:19945a,19948a

ED Entered STN: 12 May 1984

TI Purification of gases from microimpurities

IN Shvachkin, Yu. A.; Konstandi, B. V.; Zakharov, V. D.

PA Sterlitamak Experimental-Industrial Plant for Production of Isoprene Rubber

SO U.S.S.R.

From: Otkrytiya, Izobret., Prom. Obraztsy, Tovarnye Znaki 1974, 51(1), 17.

CODEN: URXXAF

DT Patent

LA Russian

IC B01D

CC 59-2 (Air Pollution and Industrial Hygiene)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 409723	A1	19740105	SU 1971-1626567	19710224 <--
PRAI	SU 1971-1626567	A	19710224		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
SU 409723	IC	B01D
	IPCI	B01D0057-00
	IPCR	B01D0053-34 [I,C*]; B01D0053-34 [I,A]; B01D0053-02 [I,C*]; B01D0053-02 [I,A]; B01D0053-82 [I,C*]; B01D0053-82 [I,A]; B01D0057-00 [I,C*]; B01D0057-00 [I,A]

AB Vapors of H2O, O, H2S, arsine, and phosphine are removed from gases by contact with organometallic compds. on an inert porous carrier. This purification is more efficient and less hazardous.

ST organometal gas purifn; arsine removal gas organometallic; phosphine removal gas organometallic; water removal gas organometallic; oxygen removal gas organometallic

IT Waste gases

(treatment of, organometallic compds. in)

IT Organometallic compounds

RL: OCCU (Occurrence)

(waste gas treatment by)

IT 7732-18-5 7782-44-7, uses and miscellaneous 7783-06-4, uses and miscellaneous 7784-42-1 7803-51-2

RL: REM (Removal or disposal); PROC (Process)

(removal of, from waste gas by organometallic compds.)

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

9.38

9.60

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

S/N 10/575,731

CA SUBSCRIBER PRICE	-0.82	-0.82
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FILE 'STNGUIDE' ENTERED AT 02:13:23 ON 30 MAR 2009
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Mar 27, 2009 (20090327/UP).

=> file uspatall caplus japio

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.70	10.30
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

FILE 'USPATFULL' ENTERED AT 02:19:07 ON 30 MAR 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 02:19:07 ON 30 MAR 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 02:19:07 ON 30 MAR 2009
CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CAPLUS' ENTERED AT 02:19:07 ON 30 MAR 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE 'JAPIO' ENTERED AT 02:19:07 ON 30 MAR 2009
COPYRIGHT (C) 2009 Japanese Patent Office (JPO)- JAPIO

=> s (alkyl?(3a)(aluminum or zinc or lithium or magnesium or calcium or boron or tin))(s)(angle(2a)repose#)
L2 5 (ALKYL?(3A)(ALUMINUM OR ZINC OR LITHIUM OR MAGNESIUM OR CALCIUM OR BORON OR TIN))(S)(ANGLE(2A) REPOSE#)

=> d l2 1-5 ibib abs

L2 ANSWER 1 OF 5 USPATFULL on STN
ACCESSION NUMBER: 2007:272601 USPATFULL
TITLE: Gels, gel composites, and gel articles
INVENTOR(S): Chen, John Y., Hillsborough, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20070238835	A1	20071011
APPLICATION INFO.:	US 2007-810584	A1	20070605 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2007-787257, filed on 12 Apr 2007, PENDING Continuation-in-part of Ser. No. US 2004-912464, filed on 4 Aug 2004, GRANTED, Pat. No. US 7226484 Continuation-in-part of Ser. No. US 2003-613567, filed on 2 Jul 2003, GRANTED, Pat. No. US 7093316 Continuation-in-part of Ser. No. US 2003-420489, filed on 21 Apr 2003, GRANTED, Pat. No. US 7222380 Continuation-in-part of Ser. No. US 2003-420487, filed on 21 Apr 2003, GRANTED, Pat. No. US		

7193002 Continuation-in-part of Ser. No. US
 2003-420488, filed on 21 Apr 2003, GRANTED, Pat. No. US
 7134929 Continuation-in-part of Ser. No. US
 2003-420490, filed on 21 Apr 2003, GRANTED, Pat. No. US
 7105607 Continuation-in-part of Ser. No. US
 2003-420491, filed on 21 Apr 2003, GRANTED, Pat. No. US
 7093599 Continuation-in-part of Ser. No. US
 2003-420492, filed on 21 Apr 2003, PENDING
 Continuation-in-part of Ser. No. US 2003-420493, filed
 on 21 Apr 2003, GRANTED, Pat. No. US 7067583
 Continuation-in-part of Ser. No. US 2004-896047, filed
 on 22 Jul 2004, PENDING Continuation-in-part of Ser.
 No. US 2002-273828, filed on 17 Oct 2002, GRANTED, Pat.
 No. US 6909220 Continuation-in-part of Ser. No. US
 2002-334542, filed on 31 Dec 2002, GRANTED, Pat. No. US
 7159259 Continuation-in-part of Ser. No. US
 2002-299073, filed on 18 Nov 2002, ABANDONED
 Continuation-in-part of Ser. No. US 2002-199364, filed
 on 20 Jul 2002, GRANTED, Pat. No. US 6794440
 Continuation-in-part of Ser. No. US 2002-199361, filed
 on 20 Jul 2002, GRANTED, Pat. No. US 7134236
 Continuation-in-part of Ser. No. US 2002-199362, filed
 on 20 Jul 2002, GRANTED, Pat. No. US 7208184
 Continuation-in-part of Ser. No. US 2002-199363, filed
 on 20 Jul 2002, GRANTED, Pat. No. US 7108873
 Continuation-in-part of Ser. No. US 2000-721213, filed
 on 21 Nov 2000, GRANTED, Pat. No. US 6867253
 Continuation-in-part of Ser. No. US 1998-130545, filed
 on 8 Aug 1998, GRANTED, Pat. No. US 6627275
 Continuation-in-part of Ser. No. US 1999-230940, filed
 on 3 Feb 1999, GRANTED, Pat. No. US 6161555
 Continuation-in-part of Ser. No. US 1997-863794, filed
 on 27 May 1997, GRANTED, Pat. No. US 6117176

	NUMBER	DATE
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PRIORITY INFORMATION:	JP 2003-204428	20030731
	WO 1994-US4278	19940419
	WO 1994-US7314	19940627
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	John Y. Chen, Applied Elastomerics, Inc., 163 W. Harris Avenue, South San Francisco, CA, 94080, US	
NUMBER OF CLAIMS:	11	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	22 Drawing Page(s)	
LINE COUNT:	5757	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	A tear and fatigue resistant gels, gel composites, and gel articles including collapsable articles having two or more communicating internal volumes like cavities when depressed by external pressure or force is capable of collapsing unto itself in a controllable and directionally preselected manner by venting static air within said internal through openings in said gel article, said gel article is made from gel compositions with one or more waxes and one or more selected plasticizers having rigidity of from about 20 gram Bloom to about 1,800 gram Bloom suitable for cushioning and other uses.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

S/N 10/575,731

L2 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2007:225848 USPATFULL

TITLE: Collapsible gel articles

INVENTOR(S): Chen, John Y., Hillsborough, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20070197949	A1	20070823
APPLICATION INFO.:	US 2007-787257	A1	20070412 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-912464, filed on 4 Aug 2004, GRANTED, Pat. No. US 7226484		
	Continuation-in-part of Ser. No. US 2003-613567, filed on 2 Jul 2003, GRANTED, Pat. No. US 7093316		
	Continuation-in-part of Ser. No. US 2003-420489, filed on 21 Apr 2003, GRANTED, Pat. No. US 7222380		
	Continuation-in-part of Ser. No. US 2003-420487, filed on 21 Apr 2003, GRANTED, Pat. No. US 7193002		
	Continuation-in-part of Ser. No. US 2003-420488, filed on 21 Apr 2003, GRANTED, Pat. No. US 7134929		
	Continuation-in-part of Ser. No. US 2003-420490, filed on 21 Apr 2003, GRANTED, Pat. No. US 7105607		
	Continuation-in-part of Ser. No. US 2003-420491, filed on 21 Apr 2003, GRANTED, Pat. No. US 7093599		
	Continuation-in-part of Ser. No. US 2003-420492, filed on 21 Apr 2003, PENDING Continuation-in-part of Ser. No. US 2003-420493, filed on 21 Apr 2003, GRANTED, Pat. No. US 7067583 Continuation-in-part of Ser. No. US 2004-896047, filed on 22 Jul 2004, PENDING		
	Continuation-in-part of Ser. No. US 2002-273828, filed on 17 Oct 2002, GRANTED, Pat. No. US 6909220		
	Continuation-in-part of Ser. No. US 2002-334542, filed on 31 Dec 2002, GRANTED, Pat. No. US 7159259		
	Continuation-in-part of Ser. No. US 2002-299073, filed on 18 Nov 2002, ABANDONED Continuation-in-part of Ser. No. US 2002-199364, filed on 20 Jul 2002, GRANTED, Pat. No. US 6794440 Continuation-in-part of Ser. No. US 2002-199361, filed on 20 Jul 2002, GRANTED, Pat. No. US 7134236 Continuation-in-part of Ser. No. US 2002-199362, filed on 20 Jul 2002, GRANTED, Pat. No. US 7208184 Continuation-in-part of Ser. No. US 2002-199363, filed on 20 Jul 2002, GRANTED, Pat. No. US 7108873 Continuation-in-part of Ser. No. US 2000-721213, filed on 21 Nov 2000, GRANTED, Pat. No. US 6867253 Continuation-in-part of Ser. No. US 1998-130545, filed on 8 Aug 1998, GRANTED, Pat. No. US 6627275 Continuation-in-part of Ser. No. US 1999-230940, filed on 3 Feb 1999, GRANTED, Pat. No. US 6161555 Continuation-in-part of Ser. No. US 1997-863794, filed on 27 May 1997, GRANTED, Pat. No. US 6117176		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Applied Elastomerics, Inc., 163 W. Harris Avenue, South San Francisco, CA, 94080, US		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	22 Drawing Page(s)		
LINE COUNT:	3929		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	A tear and fatigue resistant gel article comprising two or more		

communicating internal volumes like cavities when depressed by external pressure or force is capable of collapsing unto itself in a controllable and directionally preselected manner by venting static air within said internal through openings in said gel article, said gel article is made from gel compositions having rigidity of from about 20 gram Bloom to about 1,800 gram Bloom suitable for cushioning and other uses.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2005:65233 USPATFULL

TITLE: Tear resistant, crystalline midblock copolymer gels and articles

INVENTOR(S): Chen, John Y., Pacifica, CA, United States

PATENT ASSIGNEE(S): Applied Elastomerics, Inc., South San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6867253	B1	20050315
APPLICATION INFO.:	US 2000-721213		20001121 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-285809, filed on 1 Apr 1999, now abandoned Continuation-in-part of Ser. No. US 1999-274498, filed on 28 Mar 1999, now patented, Pat. No. US 6420475 Continuation-in-part of Ser. No. US 1998-130545, filed on 8 Aug 1998, now patented, Pat. No. US 6627275 Continuation-in-part of Ser. No. US 1997-984459, filed on 3 Dec 1997, now patented, Pat. No. US 6324703 Continuation-in-part of Ser. No. WO 1997-US17534, filed on 30 Sep 1997 Continuation-in-part of Ser. No. US 1997-909487, filed on 12 Jul 1997, now patented, Pat. No. US 6050871 Continuation-in-part of Ser. No. US 1997-863794, filed on 27 May 1997, now patented, Pat. No. US 6117176 Continuation-in-part of Ser. No. US 1996-719817, filed on 30 Sep 1996, now patented, Pat. No. US 6148830 Continuation-in-part of Ser. No. US 1996-665343, filed on 17 Jun 1996 Continuation-in-part of Ser. No. US 1996-612586, filed on 8 Mar 1996, now patented, Pat. No. US 6552109 Continuation-in-part of Ser. No. US 1995-581191, filed on 29 Dec 1995, now patented, Pat. No. US 5760117 Continuation-in-part of Ser. No. US 1995-581188, filed on 29 Dec 1995, now abandoned Continuation-in-part of Ser. No. US 1995-581125, filed on 29 Dec 1995, now patented, Pat. No. US 5962572 Continuation-in-part of Ser. No. US 1994-288690, filed on 11 Aug 1994, now patented, Pat. No. US 5633286 Continuation-in-part of Ser. No. WO 1994-US7314, filed on 27 Jun 1994 Continuation-in-part of Ser. No. WO 1994-US4278, filed on 19 Apr 1994 Continuation-in-part of Ser. No. US 1994-288690, filed on 11 Aug 1994, now patented, Pat. No. US 5633286 Continuation-in-part of Ser. No. WO 1994-US7314, filed on 27 Jun 1994 Continuation-in-part of Ser. No. WO 1994-US4278, filed on 19 Apr 1994 Continuation-in-part of Ser. No. US 288690 Continuation-in-part of Ser. No. WO US9407314 Continuation-in-part of Ser. No. WO US9404278 Continuation-in-part of Ser. No. US 288690 Continuation-in-part of Ser. No. WO 1994-US7314, filed on 27 Jun 1994 Continuation-in-part of Ser. No. WO		

S/N 10/575,731

US9404278
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Harlan, Robert D.
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 48 Drawing Figure(s); 10 Drawing Page(s)
LINE COUNT: 3765

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel gels and articles are formed from one or more multiblock copolymers having at least one block segment of poly(ethylene) and selected amounts of one or more low viscosity plasticizers, said gels having an amount of crystallinity, glassy components, selected amounts of plasticizers, with or without other additives sufficient to achieve improvements in one or more physical properties including improved crack propagation resistance, improved tear resistance, improved resistance to fatigue and resistance to catastrophic failure not obtainable in amorphous gels and exceptionally lower and/or no tack.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2005:10537 USPATFULL
TITLE: Tear resistant gels and articles for every uses
INVENTOR(S): Chen, John Y., Hillsborough, CA, UNITED STATES

	NUMBER	KIND	DATE
	-----	-----	-----
PATENT INFORMATION:	US 20050008669	A1	20050113
	US 7226484	B2	20070605
APPLICATION INFO.:	US 2004-912464	A1	20040804 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-863794, filed on 27 May 1997, GRANTED, Pat. No. US 6117176		
	Continuation-in-part of Ser. No. US 1997-909487, filed on 12 Aug 1997, GRANTED, Pat. No. US 6050871		
	Continuation-in-part of Ser. No. US 1997-984459, filed on 3 Dec 1997, GRANTED, Pat. No. US 6324703		
	Continuation-in-part of Ser. No. US 1998-130545, filed on 8 Aug 1998, GRANTED, Pat. No. US 6627275		
	Continuation-in-part of Ser. No. US 1999-274498, filed on 28 Mar 1999, GRANTED, Pat. No. US 6420475		
	Continuation-in-part of Ser. No. US 1999-285809, filed on 1 Apr 1999, ABANDONED		
	Continuation-in-part of Ser. No. US 1999-412886, filed on 5 Oct 1999, ABANDONED		
	Continuation-in-part of Ser. No. US 2000-517230, filed on 2 Mar 2000, ABANDONED		
	Continuation-in-part of Ser. No. US 2000-721213, filed on 21 Nov 2000, PENDING		
	Continuation-in-part of Ser. No. US 2001-896047, filed on 30 Jun 2001, PENDING		
	Continuation-in-part of Ser. No. US 2002-199361, filed on 20 Jul 2002, PENDING		
	Continuation-in-part of Ser. No. US 2002-199362, filed on 20 Jul 2002, PENDING		
	Continuation-in-part of Ser. No. US 2002-199363, filed on 20 Jul 2002, PENDING		
	Continuation-in-part of Ser. No. US 2002-199364, filed on 20 Jul 2002, GRANTED, Pat. No. US 6794440		
	Continuation-in-part of Ser. No. US 2002-273828, filed on 17 Oct 2002, PENDING		
	Continuation-in-part of Ser. No. US 2002-299073, filed on 18 Nov 2002, PENDING		
	Continuation-in-part of Ser. No. US 2002-334542, filed on 31 Dec 2002, PENDING		
	Continuation-in-part of Ser.		

No. US 2003-420089, filed on 22 Apr 2003, PENDING
 Continuation-in-part of Ser. No. US 2003-420487, filed
 on 21 Apr 2003, PENDING Continuation-in-part of Ser.
 No. US 2003-420488, filed on 21 Apr 2003, PENDING
 Continuation-in-part of Ser. No. US 2003-420490, filed
 on 21 Apr 2003, PENDING Continuation-in-part of Ser.
 No. US 2003-420491, filed on 21 Apr 2003, PENDING
 Continuation-in-part of Ser. No. US 2003-420492, filed
 on 21 Apr 2003, PENDING Continuation-in-part of Ser.
 No. US 2003-420493, filed on 21 Apr 2003, PENDING
 Continuation-in-part of Ser. No. US 2003-613567, filed
 on 2 Jul 2003, PENDING Continuation-in-part of Ser. No.
 US 2003-675509, filed on 30 Sep 2003, PENDING
 Continuation-in-part of Ser. No. US 2003-746196, filed
 on 25 Dec 2003, PENDING Continuation-in-part of Ser.
 No. WO 1997-US17534, filed on 30 Sep 1997, PENDING
 Continuation-in-part of Ser. No. US 1996-719817, filed
 on 30 Sep 1996, GRANTED, Pat. No. US 6148830
 Continuation-in-part of Ser. No. US 1996-665343, filed
 on 17 Jun 1996, PENDING Continuation-in-part of Ser.
 No. US 1996-612586, filed on 8 Mar 1996, GRANTED, Pat.
 No. US 6552109 Continuation-in-part of Ser. No. WO
 1994-US4278, filed on 19 Apr 1994, PENDING
 Continuation-in-part of Ser. No. WO 1994-US7314, filed
 on 27 Jun 1994, PENDING Continuation-in-part of Ser.
 No. US 1994-288690, filed on 11 Aug 1994, GRANTED, Pat.
 No. US 5633286 Continuation-in-part of Ser. No. US
 1995-581188, filed on 29 Dec 1995, ABANDONED
 Continuation-in-part of Ser. No. US 1995-581191, filed
 on 29 Dec 1995, GRANTED, Pat. No. US 5760117
 Continuation-in-part of Ser. No. US 1995-581125, filed
 on 29 Dec 1995, GRANTED, Pat. No. US 5962572

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

Applied Elastomerics, Inc., 163 W. Harris Avenue, South
 San Francisco, CA, 94080

NUMBER OF CLAIMS:

20

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS:

6 Drawing Page(s)

LINE COUNT:

4980

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB

Soft, tear resistant gel, gel composites and gel articles for various
 uses formed from one or a mixture of two or more block copolymers with
 or without one or more selected other polymers and additives in
 combination with one or more selected plasticizers being in sufficient
 amounts to achieve a gel rigidity of from about 20 gram Bloom to about
 1,800 gram Bloom.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 5 USPAT2 on STN

ACCESSION NUMBER:

2005:10537 USPAT2

TITLE:

Tear resistant gels and articles for every uses

INVENTOR(S):

Chen, John Y., Hillsborough, CA, UNITED STATES

PATENT ASSIGNEE(S):

Applied Elastomerics, Inc., South San Francisco, CA,
 UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 7226484	B2	20070605

APPLICATION INFO.: US 2004-912464 20040804 (10)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2003-746196, filed
on 25 Dec 2003, PENDING Continuation-in-part of Ser.
No. US 2003-675509, filed on 30 Sep 2003, PENDING
Continuation-in-part of Ser. No. US 2003-613567, filed
on 2 Jul 2003, Pat. No. US 7093316 Continuation-in-part
of Ser. No. US 2003-420487, filed on 21 Apr 2003,
PENDING Continuation-in-part of Ser. No. US
2003-420488, filed on 21 Apr 2003, Pat. No. US 7134929
Continuation-in-part of Ser. No. US 2003-420489, filed
on 21 Apr 2003, PENDING Continuation-in-part of Ser.
No. US 2003-420490, filed on 21 Apr 2003, Pat. No. US
7105607 Continuation-in-part of Ser. No. US
2003-420491, filed on 21 Apr 2003, Pat. No. US 7093599
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No. US 2003-420493, filed on 21 Apr 2003, Pat. No. US
7067583 Continuation-in-part of Ser. No. US
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No. US 2002-273828, filed on 17 Oct 2002, Pat. No. US
6909220 Continuation-in-part of Ser. No. US
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No. US 2000-721213, filed on 21 Nov 2000, Pat. No. US
6867253 Continuation-in-part of Ser. No. US
2000-517230, filed on 2 Mar 2000, ABANDONED
Continuation-in-part of Ser. No. US 1999-412886, filed
on 5 Oct 1999, ABANDONED Continuation-in-part of Ser.
No. US 1999-412887, filed on 5 Oct 1999, ABANDONED
Continuation-in-part of Ser. No. US 1999-285809, filed
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No. US 1999-274498, filed on 28 Mar 1999, Pat. No. US
6420475 Continuation-in-part of Ser. No. US
1999-230940, filed on 3 Feb 1999, Pat. No. US 6161555
Continuation-in-part of Ser. No. US 1997-984459, filed
on 3 Dec 1997, Pat. No. US 6324703 Continuation-in-part
of Ser. No. US 1997-954424, filed on 20 Oct 1997, Pat.
No. US 6333374 Continuation-in-part of Ser. No. WO
1997-US17534, filed on 30 Sep 1997, PENDING
Continuation-in-part of Ser. No. US 1997-909487, filed
on 12 Aug 1997, Pat. No. US 6050871
Continuation-in-part of Ser. No. US 1997-863794, filed
on 27 May 1997, Pat. No. US 6117176
Continuation-in-part of Ser. No. US 1996-719817, filed
on 30 Sep 1996, Pat. No. US 6148830
Continuation-in-part of Ser. No. US 1996-665343, filed
on 17 Jun 1996, PENDING Continuation-in-part of Ser.
No. US 1996-612586, filed on 8 Mar 1996, Pat. No. US
6552109 Continuation-in-part of Ser. No. US
1995-581188, filed on 29 Dec 1995, ABANDONED
Continuation-in-part of Ser. No. US 1995-581191, filed
on 29 Dec 1995, Pat. No. US 5760117

S/N 10/575,731

Continuation-in-part of Ser. No. US 1995-581125, filed on 29 Dec 1995, Pat. No. US 5962572
Continuation-in-part of Ser. No. US 1994-288690, filed on 11 Aug 1994, Pat. No. US 5633286
Continuation-in-part of Ser. No. WO 1994-US7314, filed on 27 Jun 1994, PENDING Continuation-in-part of Ser. No. WO 1994-US4278, filed on 19 Apr 1994, PENDING
Continuation-in-part of Ser. No. US 1993-130545, filed on 1 Oct 1993, Pat. No. US 5467626

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Lilling, Herbert J.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 55 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 4820

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Soft, tear resistant gel, gel composites and gel articles for various uses formed from one or a mixture of two or more block copolymers with or without one or more selected other polymers and additives in combination with one or more selected plasticizers being in sufficient amounts to achieve a gel rigidity of from about 20 gram Bloom to about 1,800 gram Bloom.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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L2 ANSWER 5 OF 5 USPAT2 on STN

ACCESSION NUMBER: 2005:10537 USPAT2
TITLE: Tear resistant gels and articles for every uses
INVENTOR(S): Chen, John Y., Hillsborough, CA, UNITED STATES
PATENT ASSIGNEE(S): Applied Elastomerics, Inc., South San Francisco, CA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 7226484	B2	20070605
APPLICATION INFO.:	US 2004-912464		20040804 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-746196, filed on 25 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-675509, filed on 30 Sep 2003, PENDING Continuation-in-part of Ser. No. US 2003-613567, filed on 2 Jul 2003, Pat. No. US 7093316 Continuation-in-part of Ser. No. US 2003-420487, filed on 21 Apr 2003, PENDING Continuation-in-part of Ser. No. US 2003-420488, filed on 21 Apr 2003, Pat. No. US 7134929 Continuation-in-part of Ser. No. US 2003-420489, filed on 21 Apr 2003, PENDING Continuation-in-part of Ser. No. US 2003-420490, filed on 21 Apr 2003, Pat. No. US 7105607 Continuation-in-part of Ser. No. US 2003-420491, filed on 21 Apr 2003, Pat. No. US 7093599 Continuation-in-part of Ser. No. US 2003-420492, filed on 21 Apr 2003, PENDING Continuation-in-part of Ser. No. US 2003-420493, filed on 21 Apr 2003, Pat. No. US 7067583 Continuation-in-part of Ser. No. US 2002-334542, filed on 31 Dec 2002, Pat. No. US 7159259 Continuation-in-part of Ser. No. US 2002-299073, filed on 18 Nov 2002, ABANDONED Continuation-in-part of Ser.		

No. US 2002-273828, filed on 17 Oct 2002, Pat. No. US 6909220 Continuation-in-part of Ser. No. US 2002-199361, filed on 20 Jul 2002, Pat. No. US 7134236 Continuation-in-part of Ser. No. US 2002-199362, filed on 20 Jul 2002, PENDING Continuation-in-part of Ser. No. US 2002-199363, filed on 20 Jul 2002, Pat. No. US 7108873 Continuation-in-part of Ser. No. US 2002-199364, filed on 20 Jul 2002, Pat. No. US 6794440 Continuation-in-part of Ser. No. US 2001-896047, filed on 30 Jun 2001, PENDING Continuation-in-part of Ser. No. US 2000-721213, filed on 21 Nov 2000, Pat. No. US 6867253 Continuation-in-part of Ser. No. US 2000-517230, filed on 2 Mar 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-412886, filed on 5 Oct 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-412887, filed on 5 Oct 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-285809, filed on 1 Apr 1999, ABANDONED Continuation-in-part of Ser. No. US 1999-274498, filed on 28 Mar 1999, Pat. No. US 6420475 Continuation-in-part of Ser. No. US 1999-230940, filed on 3 Feb 1999, Pat. No. US 6161555 Continuation-in-part of Ser. No. US 1997-984459, filed on 3 Dec 1997, Pat. No. US 6324703 Continuation-in-part of Ser. No. US 1997-954424, filed on 20 Oct 1997, Pat. No. US 6333374 Continuation-in-part of Ser. No. WO 1997-US17534, filed on 30 Sep 1997, PENDING Continuation-in-part of Ser. No. US 1997-909487, filed on 12 Aug 1997, Pat. No. US 6050871 Continuation-in-part of Ser. No. US 1997-863794, filed on 27 May 1997, Pat. No. US 6117176 Continuation-in-part of Ser. No. US 1996-719817, filed on 30 Sep 1996, Pat. No. US 6148830 Continuation-in-part of Ser. No. US 1996-665343, filed on 17 Jun 1996, PENDING Continuation-in-part of Ser. No. US 1996-612586, filed on 8 Mar 1996, Pat. No. US 6552109 Continuation-in-part of Ser. No. US 1995-581188, filed on 29 Dec 1995, ABANDONED Continuation-in-part of Ser. No. US 1995-581191, filed on 29 Dec 1995, Pat. No. US 5760117 Continuation-in-part of Ser. No. US 1995-581125, filed on 29 Dec 1995, Pat. No. US 5962572 Continuation-in-part of Ser. No. US 1994-288690, filed on 11 Aug 1994, Pat. No. US 5633286 Continuation-in-part of Ser. No. WO 1994-US7314, filed on 27 Jun 1994, PENDING Continuation-in-part of Ser. No. WO 1994-US4278, filed on 19 Apr 1994, PENDING Continuation-in-part of Ser. No. US 1993-130545, filed on 1 Oct 1993, Pat. No. US 5467626

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 LINE COUNT: 4820

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DETD The limiting value of $\mu = \tan \theta$ for which $\mu = \tan \theta$ is true is call the angle of repose. Measurement of the tangent of this angle will give the coefficient of friction of the contacting surfaces of the block and the board that slide one upon the

S/N 10/575,731

other. As an example of low COF agents advantageously useful in soft thermoplastic elastomers and gels, excellent results is achieved with 50 grams of a polyphenolic with sterically hindered phenolic hydroxyl groups (Irganox 1010), about 100 grams of one or more nucleating agents (such as very fine particle size sodium benzoate, dibenzylidene sorbitol, its alkylated derivatives, talc, zinc stearate, amorphous silica, aluminum stearate, etc.) and 5,000 grams of S-EB-S and 25,000 gram of oil. The same excellent result is achieved when S-EB-S is adjusted to 3,000 grams, 4,000 grams, etc. The same result is achieved with copolymers as well as in combination with other polymers. Moreover, when about 50 grams of tetrakis[methylene 3, -(3'5'-di-tertbutyl-4" hydroxyphenyl) propionate] methane is use (per about 22.68 Kilograms or 50 lbs of gel) as a low COF agent, tack is completely removed from the surface of the gel after two to three weeks of blooming.

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

42.58

52.88

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-0.82

STN INTERNATIONAL LOGOFF AT 02:22:11 ON 30 MAR 2009